



TYTAN PROFESSIONAL Fireplace Sealant 1500°C 280 ml black

10050650

Fireplace sealant is a fire-resistant mass, the recipe of which is based on water glass. Thanks to its properties, it is dedicated to filling cracks, gaps, cavities in chimneys, stoves and grates. The fact that the recipe contains water glass increases gas tightness, and after hardening, it does not shrink and expand.

BENEFITS

- resistant to high temperatures up to +1500°C
- resistant to direct flame
- excellent adhesion to wide range of construction substrates

RECOMMENDED USES

- installation and sealing of fireplaces, stoves, grates
- repairs of elements exposed to fire, not subjected to tensions

TECHNICAL DATA

| Uncured - tested at 23°C and 50% relative humidity | Value |
|--|-------------|
| Density (ISO 2811-1) [g/ml] | 1,90 - 1,94 |
| Skin formation time [min] | 5 - 20 |
| Tack Free [min] | 5 - 10 |
| Curing rate [mm/24h] | 2 - 3 |
| Flow from vertical surfaces [+50°C] (ISO 7390) [mm] | 0 - 3 |
| Cured - tested after 4 weeks at 23°C and 50% relative humidity | Value |
| Temperature resistance [°C] | <=1500 |
| Adhesion to surface | Value |
| Aluminium | +/- |





| | |
|----------------------------------|--------------|
| Concrete | + |
| Cast iron | +/- |
| Stainless steel | +/- |
| Galvanized sheet | +/- |
| Ceramic tile | + |
| Brick | + |
| Glass | + |
| Plaster/Drywall | + |
| Clinker tile | + |
| Colour | Value |
| Dark grey | + |
| Conditions of application | Value |
| Surface temperature [°C] | +5 - +40 |
| Container temperature [°C] | +5 - +25 |
| Application temperature [°C] | +5 - +40 |

METHOD OF USE

Prior to application, read safety instruction presented in MSDS.





Surface preparation

- Bonding surfaces must be clean, dry (not frosted) free of dust, rust, old loose material, oil, grease, paint and other dirt which reduces the adhesion of the sealant.
- To avoid dirtiness around the gap and to maintain equal line use adhesive tapes which should be removed immediately after finishing sealing.

Product preparation

- Prior to application, the product should be conditioned at room temperature.

Application

- Cut off the top of the threaded adapter. Screw the nozzle tip on and cut off at a 45° angle, with the diameter equal to the gap width.
- Squeeze sealant by mechanical or pneumatic gun.
- Treatment make at the time of workability given in the technical data table.
- Applied sealant should be smoothed immediately with a spatula soaked in water for best result.
- Remove masking tape before skin will form.
- Joint should be allowed to fully cure.

Works after completion of application

- Clean while uncured with water or water and soap.
- After curing, remove from hands with water and soap; from tools remove mechanically.
- DO NOT WASH HANDS WITH SOLVENTS.

Remarks / restriction

- Sealant is not intended for sealing joints of natural stone, such as granite, sandstone, marble, etc.
- Not suitable for bonding aquariums and terrariums.
- Sealant is not intended for applications involving structural glazing.
- It is not suitable for direct contact with food and medical uses. Sealant was not duly tested and it is not suitable for medical and pharmaceutical applications.
- Do not apply on PE, PP - no adhesion.
- Not suitable for central heating systems and gas instalations.
- Not suitable for uses in places exposed to water.
- Sealant suitable for internal use only.
- Do not apply on sensitive metal surfaces for example copper and its alloys and silver steel of mirrors.





ADDITIONAL INFORMATION

All given parameters are based on laboratory tests compliant with internal manufacturer's standards and strongly depend on product hardening conditions (c.a., ambient, surface temperature, quality of used equipment and skills of person applying the product).

TRANSPORT / STORAGE

Warranted shelf life is 24 months from the manufacturing date when stored in unopened, original package at temperature from +5 °C to +25 °C in a dry place protected from freezing.

Product can be transported at low temperatures up to -15 °C for up to 3 weeks, before using the product should be conditioned for 24 hours at +23 °C.

Precautions should be taken when the product after thawing out is frosted again - is resistant to 2 cycles of freezing/thawing out.

SAFETY AND HEALTH PRECAUTIONS

For detailed information find Material Safety Data Sheet available at producer upon request.

All written or oral information, recommendations and instructions are given according to our best knowledge, tests and experience, in good faith and in compliance with manufacturer's principles. Each user of this material will make sure in every possible way, including verification of the final product in proper conditions, about suitability of the supplied materials for their intended purposes. The manufacturer is not liable for any losses incurred due to inaccurate or erroneous application of the manufacturer's materials.

